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# Software Tests Report

for

**NYUTRADE**

Version 1.0

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## **Introduction**

### *Document overview*

This document is the software test report of the NYUTRADE testing the first increment of the software development project. It contains the results of tests, which were executed during the testing phase.

## **Overview of Tests Results**

### *Tests log*

The NYUTRADE software version 1.0 was tested on the Chrome emulator test platform on MacOS running on Intel and M1 chips, from December 5, 2021 to December 8, 2021. The tests were executed based on the SRS and Master Test Plan

Testers were:

- Priyamvada Daga
- Ryan Hsu
- Ananta Manoranjan
- Aigerim Zhusubalieva

### *Rationale for decision*

After executing a test, the decision is defined according to the following rules:

- **OK:** The test sheet is set to "OK" state when all steps are in "OK" state. The real result is compliant to the expected result.
- **NOK:** The test sheet is set to "NOK" state when all steps of the test are set to "NOK" state or when the result of a step differs from the expected result.
- **NOT RUN:** Default state of a test sheet not yet executed.

***Overall assessment of tests***

- All tests with interfaces passed, GUI is optimized for screens of the test platforms
- All tests related to the login process are passed, login is implemented completely
- All tests related to posting and product requesting passed, they are implemented but not fully optimized
- All tests with Product browsing, product filtering, bidding system, chat system, and search did not pass as they are not implemented.
- Tests related to sellers having the option of selling anonymously did not pass as the feature hasn't been implemented.

Statistics about tests:

- 38.24% of tests OK
- 2.94% of tests NOK
- 58.82% of tests NR

**Detailed Tests Results**

For each executed test, this document contains:

- Test identification;
- Test title;
- Test decision;
- A comment containing additional information or problems encountered during execution and differences with the test procedure.

### 1. Login

Test Description	Requirement ID	Decision	Comment
The system displays case-sensitive fields to enter username and password	REQ-1	OK	
The user enters username and password	REQ-2	OK	
The system verifies, using the database, the credentials	REQ-3	OK	
If correct credentials are entered, the system logs in and displays all features	REQ-4	OK	
If incorrect credentials are entered, the system displays an error, and asks the user to login again	REQ-5	OK	
<b>Total:</b>	5	5	

### 2. Product Posting

Test Description	Requirement ID	Decision	Comment
The user clicks on the “create a new post” button	REQ-1	OK	
The user selects what kind of product they are providing or are looking for	REQ-2	OK	
The user provides a description of the product	REQ-3	OK	
The user attaches a picture of the product	REQ-4	NOK	Images can be successfully uploaded to the database, but pictures cannot be displayed to corresponding posts.
The user clicks on the post button to confirm and post the product	REQ-5	OK	
The admin may remove the post if deemed inappropriate	REQ-6	OK	
Users can choose to post anonymously if they wish to in which case their name won’t be shown on the	REQ-7	NOT RUN	

post			
<b>Total:</b>	7	5	

### 3. Product Browsing

Test Description	Requirement ID	Decision	Comment
The user selects categories of a product from the menu bar	REQ-1	NOT RUN	
The system displays products only from the chosen category	REQ-2	NOT RUN	
The system should display ALL items available for purchase (if not category selected)	REQ-3	OK	
<b>Total:</b>	3	1	

### 4. Product Filtering

Test Description	Requirement ID	Decision	Comment
The system displays potential filters with checkboxes	REQ-1	NOT RUN	
The user selects the desired filters	REQ-2	NOT RUN	
The system displays products that match the filters, depending on the product description	REQ-3	NOT RUN	
<b>Total:</b>	3	0	

### 5. Bidding System

Test Description	Requirement ID	Decision	Comment
The seller will be able to set a base price below which users cannot bid	REQ-1	NOT RUN	

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The user will be able to bid on items available for sale	REQ-2	NOT RUN	
The system will display an error if a numerical value isn't entered or a value below the base price / current highest bid is entered	REQ-3	NOT RUN	
Users may choose to remove bids within a certain time period	REQ-4	NOT RUN	
The item is sold to the user with the highest bid	REQ-5	NOT RUN	
<b>Total:</b>	5	0	

**6. Chat System**

Test Description	Requirement ID	Decision	Comment
Users can pick another user to chat with via the post they are interested in	REQ-1	NOT RUN	
Users can send messages via the terminal	REQ-2	NOT RUN	
Users can choose to delete chats. System auto-deleted chats after 1 week	REQ-3	NOT RUN	
Users can download chats as .txt files	REQ-4	NOT RUN	
<b>Total:</b>	4	0	

**7. Search**

Test Description	Requirement ID	Decision	Comment
The user types out the item they are looking for on the search bar	REQ-1	NOT RUN	
The system displays all available options that match	REQ-2	NOT	

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the item description or name		RUN	
If no matches are found, the system displays “No match found”	REQ-3	NOT RUN	
<b>Total:</b>	3	0	

**8. Product Requesting**

<b>Test Description</b>	<b>Requirement ID</b>	<b>Decision</b>	<b>Comment</b>
The user clicks on the “request new item” button	REQ-1	OK	
The system prompts the user to fill out a description	REQ-2	OK	
The user must be able to contact the requester via the chat button	REQ-3	NOT RUN	
The admin may remove the post if deemed inappropriate	REQ-4	NOT RUN	
<b>Total:</b>	4	2	